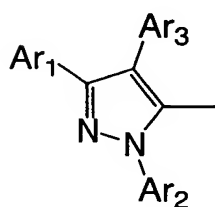


What is claimed is:

1. An organic electroluminescent element comprising an anode, organic layers and a cathode piled one upon another on a substrate wherein at least one of the organic layers is a light-emitting layer containing a host material and a dopant material and a pyrazole-derived compound having 2-4 pyrazole structures represented by the following formula I in the same molecule is used as said host material:

(Chem 1)

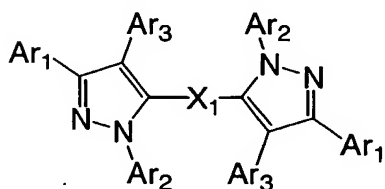


(I)

wherein, Ar₁-Ar₃ are independently hydrogen or substituted or unsubstituted aromatic hydrocarbon groups and at least one of Ar₁-Ar₃ is a group other than hydrogen.

2. An organic electroluminescent element as described in claim 1 wherein the pyrazole-derived compound is represented by the following formula II:

(Chem 2)



(II)

wherein, Ar₁-Ar₃ are independently hydrogen or substituted or unsubstituted aromatic hydrocarbon groups, at least one of Ar₁-Ar₃ is a group other than hydrogen and X₁ is a direct bond or a substituted or unsubstituted divalent aromatic hydrocarbon group.

3. An organic electroluminescent element as described in claim 2 wherein Ar₁ and Ar₂ are aromatic hydrocarbon groups and Ar₃ is hydrogen or an aromatic

hydrocarbon group in the compound represented by formula II.

4. An organic electroluminescent element as described in claim 2 or 3 wherein Ar₁ and Ar₂ are phenyl groups, Ar₃ is hydrogen or phenyl group and X₁ is phenylene group in the compound represented by formula II.

5. An organic electroluminescent element as described in any one of claims 1 to 4 wherein the dopant material comprises at least one metal complex selected from phosphorescent ortho-metalated metal complexes and porphyrin metal complexes.

6. An organic electroluminescent element as described in claim 5 wherein the metal complex comprises at least one metal selected from ruthenium, rhodium, palladium, silver, rhenium, osmium, iridium, platinum and gold at its center.

7. An organic electroluminescent element as described in any one of claims 1 to 6 wherein a hole-blocking layer or an electron-transporting layer or both are disposed between the light-emitting layer and the cathode.